

PTO/SB/08A (08-03)

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete If Known</b>			
		Application Number	10/052,626		
		Filing Date	January 17, 2002		
		First Named Inventor	Naoki Matsushima		
		Art Unit	2877		
		Examiner Name	H. Lee		
Sheet	1	of	2	Attorney Docket Number	16869N-040600US

U.S. PATENT DOCUMENTS+						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
<i>HL</i>	1	EP	0691555	A1	01-10-1996	Alcatel AG		abstract only
<i>HL</i>	2	EP	0590393	A1	04-06-1994	Bosch GMBH		abstract only
<i>HL</i>	3	EP	0465230	A2	01-08-1992	AT&T UK		<input type="checkbox"/>

Examiner Signature		Date Considered	11/29/04
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


\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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<b>Substitute for form 1449B/PATENT &amp; TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
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Sheet	2	of	2	Attorney Docket Number	16869N-040600US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	4	FISCHER et al. "Design and Behavior of Laser Modules for Gbit/S Rates," Proceedings of the IEEE International Conference on Communications '88 (1988).	
	5	GOTO "Design and Performance of a 10-Gbit/S Optical Transmitter Module," Proceedings of the IEEE 42nd Electronic Components and Technology Conference (1992).	
	6	KARSTENSEN "High-Efficiency Two Lens Laser Diode to Single-Mode Fiber Coupler with a Silicon Plano Convex Lens," Journal of Lightwave Technology 7:244-249 (1989).	
	7	LIPSON et al. "Opto-mechanical considerations for laser-fiber coupling and packaging," SPIE 554:308-312 (1985).	
	8	SARUWATARI et al. "Efficient Diode to Single-Mode Fiber Coupling Using a Combination of Two Lenses in Confocal Condition," IEEE Journal of Quantum Electronics 17:1021-1027 (1981).	

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